

Image 1745  
PATENT APPLICATION

ATTORNEY DOCKET NO. 10015155 -1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Laurie S Mittelstadt et al

Confirmation No.: 9468

Application No.: 10/091485

Examiner: Yuan, Dah Wei D.

Filing Date: Mar 07, 2002

Group Art Unit: 1745

Title: Ion Exchange System Structure With A Microtextured Surface, Method Of Manufacture, And Method Of Use Thereof

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97 (c) together with either a:
  - ☒ Statement under 37 CFR 1.97(e), or
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
  - ☐ Statement under 37 CFR 1.97(e)(1) or (2), and
  - ☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 13 FEB 2004

OR

☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_ Number of pages: \_\_\_\_\_

Typed Name: Ramona J. Zaya

Signature: 

Respectfully submitted,

Laurie S Mittelstadt et al

By 

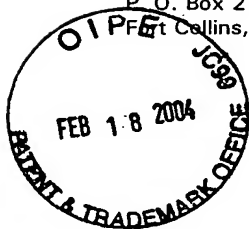
Susan E. Heminger

Attorney/Agent for Applicant(s)

Reg. No. 36,449

Date: 13 FEB 2004

Telephone No.: 650 236 2738



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Laurie S Mittelstadt et al

Confirmation No.: 9468

Application No.: 10/091485

Examiner: Yuan, Dah Wei D.

Filing Date: Mar 07, 2002

Group Art Unit: 1745

Title: Ion Exchange System Structure With A Microtextured Surface, Method Of Manufacture,  
And Method Of Use Thereof

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

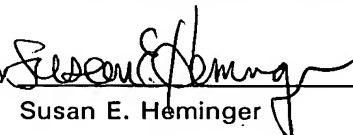
STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- ( ) No item of information contained in the Information Disclosure Statement
- was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

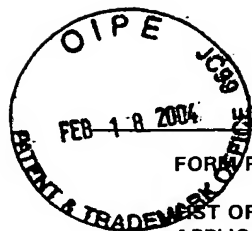
Respectfully submitted,  
Laurie S Mittelstadt et al

By   
Susan E. Heminger

Attorney/Agent for Applicant(s)  
Reg. No. 36,449

Date: 13 FEB 2004

Telephone No.: 650 236 2738



## PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

STATEMENT OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10015155-1

APPLICATION NO.

10/091,485

CONFIRMATION NO.

9468

APPLICANT

Laurie S. Mittelstadt et al.

FILING DATE

07 MAR 2002

GROUP

1745

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,473,138	5 DEC 1995	Singh et al	
	1B	5,733,609	31 MAR 1998	Wang Liang	
	1C	4,673,624	16 JUNE 1987	Hockaday, Robert G.	
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	DE4320408	22 DEC 1994	Fraunhofer Ges		
	1M	WO0189018	22 NOV 2001	Corning Inc		
	1N	WO8905707	29 JUNE 1989	COHN, Ronald D.		
	1O	DE4119910	17 DEC 1992	ABB Patent GMBH		
	1P	WO9628574	19 SEPT 1996	Wissenback Konrad et		

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Kinsman G. et al: "Treatment of Metal Surface with Excimer Laser Radiation for Radiative Applications" Applied Optics, Optical Society of America, WA, US , vol. 32, no. 36, 20 DEC 1993, pages 7462-7470, XP000425819
	1R	
	1S	

EXAMINER

DATE CONSIDERED